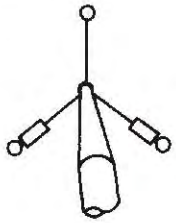
THERMOMETER

(2)Attach the ring plate to the slide pole.
(3)Attach the red side of the sensor to the red terminal and blue side to the blue terminal. Push the slide buttor and attach the remaining to the termimal remove the K temp.Probe.
(4)Turn the power switch on and check the display . When the display indicated room temperature, it' S ready for use
(5)Place fresh solder on the tip and apply the tip to the point to be measured . The temperature will be displayed in 2 to 3 seconds.
(6)Turn the unit off while it is not in use.



●●●●PRECAUTION

(1)The sensors are made of very thin (0.2) wire .Handle them with care .Do not apply heavy Presure or they will break.
(2)The body is made of plastic. Do not touch the body with the soldering tip.
(3)The measuring point is coated with a special metal alloy which will wear away after repeated measurements,resuring in inaccurate reading .Replacing the sensor with a new one will restore the measuring acuracy.The sensor has a useful life of approximately 50 feadings.
(4)Use alcohol to remove any flux adhering to the terminal . Do not use thinner or benzine.
(5)Using TP-01 temp.Probe. Temp. To be measured should be less than 700℃. Otherwise measurement will lose accuracy . Use C optional probe to test higher temp.
(6)If the display shows 1 □ □ □ □ the sensor is burned out . Replace the sensor with a new one.
(7)If the display show 8 □ □ □ □ the battery is dead .Replace the battery with a fresh one .

* For measuring the temp. Of solder in the soldering pot.or other liquid, use K temp.probe.

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温度计使用说明

型号：□ L905191 □ L90191E

●规格

（1）技术参数、总体特性

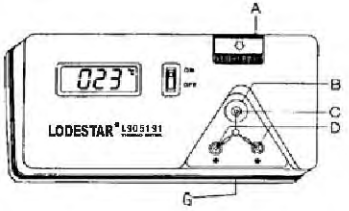
	摄氏型（℃）	华氏型（° F）
分 辨 率	1℃	1° F
测量范围	0℃-600℃	0° F-1200° F
传 感 器	K型热电偶（NICR NISI）	
精 确 度	±3℃	±10° F
显 示	A、3.5位液晶显示 B、电池电压低警告显示 C、传感器损坏	
电 源	9V干电池	
电池寿命	150小时以上	
外形体积	160(长)45(高)80(宽)mm	
重 量	约200克（0.44磅）	
室温范围	0℃-40℃ 0° F-104° F	

（2）附件

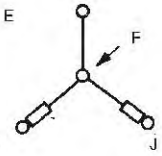
- 传感器10个（三角形）
- 环板
- 9V干电池1个
- K型传感器TP-01

●●部件名称

A.推钮　B. 环板　C.推杆
D. 终端　E. (三角形)传感器
F.测量点　G.标准K型插座
H. TP-01传感器　I .红色标
J. 蓝色标



* 特别提示：请勿将红、蓝色标倒置使用。



●●●使用方法

（1）打开温度计后板电池盖，将9V电池插入电池接插座，合上电池盖板，装好电源
（2）将环板套进推杆。
（3）将传感器红、蓝两色标端分别套进红、蓝两色标示终端，将无色标端套进推杆。（必须将K型传感器取下时使用）

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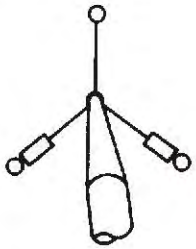
(4) 打开电源开关，当显示屏显示室温时，温度测试仪才能使用。
(5) 在烙铁咀醮上新焊锡，将烙铁咀接触到传感器的测量点，在2-3秒内，将显示出被测烙铁的温度。
(6) 当需要测量液体或物体内部温度时，请选用K型TP-01传感器，先撤去三角形感应器，将TP-01传感器插入标准K型插座，当显示室温时，即可使用。
(7) 使用完毕后，请关闭电源开关。



●●●●注意事项

(1) 三角形传感器由很细的线合成（Φ0.2mm）应小心使用，不能施加过大压力，否则会断裂。
(2) 温度计外壳是防静电塑料制品，烙铁的发热部分不可触及。
(3) 传感器的测量点镀有特殊合金，在多次测量后易损耗，当导致测量数据不准确时，需更换新传感器，每个传感器的有效寿命大约要测量50次。
(4) 可用酒精清洗掉测量终端的任何焊剂，切勿使用稀释剂或有腐蚀性的油类清洗。
(5) 使用TP-01传感器时，测量温度不宜超过700℃否则会有一定的误差，如果要测量更高温度，请选用TP-02（900℃以下）或TP-03（1200℃以下）。[选配件]
(6) 如果显示，1 □ □ □ 表示传感器损坏或未连接好，请更换传感器或重新检查。
(7) 如果显示，8 □ □ □ 表示电池电压低，请更换新电池。

*如果测量锡炉或其它液体的温度，请选用K型温度探头。

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THERMOMETER

THERMOMETER OPERATION MANUAL

MODEL: □ L905191 □ L90191E

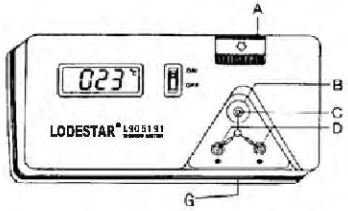
●SPECIFICATIONS

(1)Body

	Centigrade Type	Fahrenheit Type
NO.	191A	191B
Resolution Range of	1℃	0° F-1200° F
Measurement Applied	0℃-600℃ K Thermocouple	
Sensor		
Accuracy	±3℃	±10° F
Display	a) 3.5-digit liquid crystal display b) Battery Alarm c) Burnout	
Power Supply	9v Dry Battery	
Battery Life	More than 150 hours	
Outer Dimensions	160(W)45(H)80(D)mm 6.3×1.8×3.1	
Weight	Appro×200g (0.44bs)	
Environental Temperature Range	0℃-40℃ 0° F-104° F	

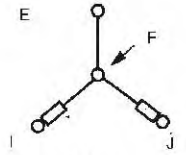
(2)Accesores

- 10 Sensor
- Ring Plate
- 9V Dry Battery
- K probe,TP-01



●●NAME OF PARTS

A.Slide Button
B.Ring Plate
C.Slide Pole
D.Terminal
E.Semsor
I.Red end
J.blue end
* Warning:not misuse red end and blue end.



●●●Operating Instruction

(1)Open the battery case on the back of the unit and insert the battery .(9V).close the battery case .Be sure the battery is properly aligned.

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